THE QUARTERLY JOURNAL OF EXPERIMENTAL PSYCHOLOGY

EDITORIAL BOARD

D. Russell Davis

R. C. Oldfield
G. C. Drew
G. C. Grindley
J. W. Whitfield
M. D. Vernon
O. L. Zangwill

Volume III

PUBLISHED FOR
THE EXPERIMENTAL PSYCHOLOGY GROUP
BY
W. HEFFER & SONS LTD. CAMBRIDGE

Digitized by the Internet Archive
in 2023

https://archive.org/details/quarterly-journal-of-experimental-psychology_1951_3_contents

The Quarterly Journal of Experimental Psychology

VOLUME III, 1951

CONTENTS

	Page
MARGARET R. PHEMISTER. An Experimental Contribution to the Problem of Apparent Reality	1
M. D. VERNON. Learning and Understanding	19
M. J. H. MITCHELL AND M. A. VINCE. The Direction of Movement of Machine Controls	24
VALERIE DEES AND G. C. GRINDLEY. The Effect of Knowledge of Results on Learning and Performance: IV. The Direction of the Error in Very Simple Skills	36
J. A. DEUTSCH. A Preliminary Report on a New Auditory After-effect	43
D. C. SINCLAIR AND J. R. HINSHAW. Sensory Phenomena in Experimental Nerve Block	49
G. C. DREW. Variations in Reflex Blink-Rate during Visual-Motor Tasks	73
C. B. GIBBS. Transfer of Training and Skill Assumptions in Tracking Tasks	99
J. SZAFRAN.* Changes with Age and with Exclusion of Vision in Performance at an Aiming Task	111
K. DANZIGER. The Operation of an Acquired Drive in Satiated Rats	119
V. R. CANE AND V. HORN. The Timing of Responses to Spatial Perception Questions	133
ROGER W. RUSSELL AND ROBERT G. F. PRETTY. A Study of Position Habits induced by Reward and "Frustration"	151
J. LANGDON. The Perception of a Changing Shape	157
H. KAY. Learning of a Serial Task by Different Age Groups	166
J. W. WHITFIELD. An Experiment in Problem Solving	184

* Erratum, *vide* p. 119.

MISCELLANEA

P. DENES AND F. A. CARTIER. Difference Limina for Quality of Pure Tones: An Exploratory Study	89
A. CARPENTER. A Case of Absolute Pitch	92
W. E. HICK. A Simple Stimulus Generator	94
NANCY HARRIS. A Note on the Paired Comparisons Method of Rating	146

BOOK REVIEWS

Page

Physiological Mechanisms in Animal Behaviour: Symposia of the Society for Experimental Biology, No. IV. (reviewed by G. C. Grindley) - - - 47

Handbook of Psychological Research on the Rat. By N. L. Munn - - - 48

The Mathematical Theory of Communication. By Claude Shannon and Warren Weaver (reviewed by W. E. Hick) - - - - - - - - 96

The Perception of the Visual World. By J. J. Gibson (reviewed by M. D. Vernon) - - - - - - - - - - - - - - 148

Handbook of Experimental Psychology. Ed. S. S. Stevens (reviewed by P. H. R. James) - - - - - - - - - - - - 198

Experimental Psychology Group:

Proceedings, 1949–50 - - - - - - - - - - - - - 48

Members - - - - - - - - - - - - - - 97